

INTERNATIONAL SEARCH REPORT

International application No.
PCT/US02/12576

A. CLASSIFICATION OF SUBJECT MATTER				
IPC(7) : Please See Extra Sheet.				
US CL : 47/1.4; 435/29, 34, 41, 252.1, 257.1, 257.6, 287.5, 288.7, 303.2				
According to International Patent Classification (IPC) or to both national classification and IPC				
B. FIELDS SEARCHED				
Minimum documentation searched (classification system followed by classification symbols)				
U.S. : 47/1.4; 435/29, 34, 41, 252.1, 257.1, 257.6, 287.5, 288.7, 303.2				
Documentation searched other than minimum documentation to the extent that such documents are included in the fields searched				
Electronic data base consulted during the international search (name of data base and, where practicable, search terms used)				
HCAPLUS, WEST, WPIX				
C. DOCUMENTS CONSIDERED TO BE RELEVANT				
Category*	Citation of document, with indication, where appropriate, of the relevant passages	Relevant to claim No.		
A,T	US 6,410,258 B1 (MCTAVISH) 25 June 2002.	1-16		
A,P	US 2001/0053543 A1 (ANASTASIOS et al.) 20 December 2001.	1-16		
A	BOICHENKO, V. et al. Simultaneous Measurements of Fluorescence Induction and Light-Induced Hydrogen Evolution in Chorella. Biofizika 1983, 28(6)976-9.	1-16		
A	SERODIO, J. et al. Relationship Between Chlorophyll Fluorescence Quenching and O ₂ Evolution in Microalgae. Photosynthesis: Mechanisms and Effects. Vol. V, 4109-4112, Kluwer Academic Publishers, August 17-22, 1998 presented.	1-16		
<input type="checkbox"/> Further documents are listed in the continuation of Box C. <input type="checkbox"/> See patent family annex.				
<table border="0"> <tr> <td style="vertical-align: top;"> <p>* Special categories of cited documents:</p> <p>"A" document defining the general state of the art which is not considered to be of particular relevance</p> <p>"B" earlier document published on or after the international filing date</p> <p>"L" document which may throw doubts on priority claim(s) or which is cited to establish the publication date of another citation or other special reason (as specified)</p> <p>"O" document referring to an oral disclosure, use, exhibition or other means</p> <p>"P" document published prior to the international filing date but later than the priority date claimed</p> </td> <td style="vertical-align: top;"> <p>"T" later document published after the international filing date or priority date and not in conflict with the application but cited to understand the principle or theory underlying the invention</p> <p>"X" document of particular relevance; the claimed invention cannot be considered novel or cannot be considered to involve an inventive step when the document is taken alone</p> <p>"Y" document of particular relevance; the claimed invention cannot be considered to involve an inventive step when the document is combined with one or more other such documents, such combination being obvious to a person skilled in the art</p> <p>"A" document member of the same patent family</p> </td> </tr> </table>			<p>* Special categories of cited documents:</p> <p>"A" document defining the general state of the art which is not considered to be of particular relevance</p> <p>"B" earlier document published on or after the international filing date</p> <p>"L" document which may throw doubts on priority claim(s) or which is cited to establish the publication date of another citation or other special reason (as specified)</p> <p>"O" document referring to an oral disclosure, use, exhibition or other means</p> <p>"P" document published prior to the international filing date but later than the priority date claimed</p>	<p>"T" later document published after the international filing date or priority date and not in conflict with the application but cited to understand the principle or theory underlying the invention</p> <p>"X" document of particular relevance; the claimed invention cannot be considered novel or cannot be considered to involve an inventive step when the document is taken alone</p> <p>"Y" document of particular relevance; the claimed invention cannot be considered to involve an inventive step when the document is combined with one or more other such documents, such combination being obvious to a person skilled in the art</p> <p>"A" document member of the same patent family</p>
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Date of the actual completion of the international search		Date of mailing of the international search report		
13 AUGUST 2002		12 SEP 2002		
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PCT	

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IPC (7):

A01G 7/00; C12M 1/00, 1/34; C12N 1/12; C12P 1/00, 3/00; C12Q 1/02, 1/04